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ELECTRONIC THESIS AND DISSERTATION UNSYIAH

TITLE

IDENTIFIKASI HABITAT BERTELUR PENYU LEKANG (*LEPIDOCHELYS OLIVACEA*) DI PANTAI UJONG PANCU DAN PANTAI LAMTEUNGOH KABUPATEN ACEH BESAR

ABSTRACT

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The research took place in the month of Januari to May 2016 in to the beach Ujong Pancu and Lamteungoh of Aceh Besar to see the distribution of the Olive ridley turtle (*Lepidochelys olivacea*) and environmental characteristics of the environment in the region in the region that includes. Research using survey methods at 3 stations Parameter of research include the wide of the beach, the tilt of the beach, the characteristics of the fine sand grains, the temperature, the land temperature, vegetation the beach and predators and data analyzed in descriptive. Based on observations at Ujong Pancu beach there have 8 nests and 7 the nesting of the turtles at Lamteungoh beach. The nesting habitat of the turtles in Ujong Pancu beach with the 494 m, wide beach 76 cm “ 21,3 m, the tilt of the 11,5o, the category of fine sand grains, the temperature sand 27-31oC, air temperature 26-28oC, and have the type vegetation *Avicennia marina* Forsk, *Indigofera* sp, *Pandanus tectorius* sp, *Calotropis gigantea* Willd, *Casuarina equisetifolia* L, *Cyperus rotundus* L. The nesting habitat of the turtles in Lamteungoh beach with the 552 m (station 2) 233, and (station 3) 319 m, wide beach 3,40-15,90 m, the tilt of the 5,05°-6,16o, the category of fine sand grains, the temperature sand 26-31oC, air temperature 26-28oC, and have the type vegetation *Ipomoea pes-caprae* L, *Sesuvium portulacastrum* L, *Chloris barbata* Sw, *P. tectorius* sp, *C. gigantea* Willd, *C. equisetifolia* L, *C. rotundus* L, and *Eleusine indica* L. and there are types of predators among others : human (*Homo sapiens*), monitor lizard (*Varanus salvator*), crabs (*Brachyura*), dog (*Canis familiaris*), pig (*Sus barbatus*).

Keywords : Nesting beach, *Lepidochelys olivacea*, Aceh.

ABSTRAK

Penelitian berlangsung pada bulan Januari-Mei 2016 di Pantai Ujong Pancu dan Pantai Lamteungoh Kabupaten Aceh Besar untuk mengetahui distribusi sarang penyu lekang (*Lepidochelys olivacea*) dan karakteristik lingkungan di kawasan tersebut. Penelitian menggunakan metode survey pada 3 stasiun. Parameter penelitian meliputi lebar pantai, kemiringan pantai, karakteristik pasir, suhu udara dan suhu tanah, vegetasi pantai dan predator. Data dianalisa secara deskriptif. Berdasarkan hasil pengamatan di Pantai Ujong Pancu terdapat 8 sarang dan Pantai Lamteungoh 7 sarang peneluran penyu. Habitat peneluran penyu di Pantai Ujong Pancu memiliki panjang pantai 494 m, lebar pantai 76 cm “ 21,3 m, kemiringan pantai 11,5o, kategori butiran pasir halus, suhu pasir 27-31oC, suhu udara 26-28oC dan memiliki jenis vegetasi *Avicennia marina* Forsk, *Indigofera* sp, *Pandanus tectorius* sp, *Calotropis gigantea* Willd, *Casuarina equisetifolia* L, dan *Cyperus rotundus* L. Habitat peneluran di Pantai Lamteungoh dengan panjang pantai 552 (stasiun 2) 233, dan (stasiun 3) 319 m, lebar 3,40-41,6 m, kemiringan pantai 5,05°-6,16o, kategori butiran pasir halus, suhu pasir 26-31oC, suhu udara 26-28oC, dan memiliki jenis vegetasi *Ipomoea pes-caprae* L, *Sesuvium portulacastrum* L, *Chloris barbata* Sw, *P. tectorius* sp, *C. gigantea* Willd, *C. equisetifolia* L, *C. rotundus* L, dan *Eleusine indica* L. Dan terdapat jenis predator antara lain : manusia (*Homo sapiens*), biawak (*Varanus salvator*), kepiting (*Brachyura*), anjing (*Canis familiaris*), babi (*Sus barbatus*).

Kata kunci : Pantai peneluran, *Lepidochelys olivacea*, Aceh